

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Sonya Wright

Group : 1626

Applicant : Michael R. Hale et al.

Application No. : 09/591,464

Confirmation No. : 2787

Filed : June 9, 2000

Title : INHIBITORS OF ASPARTYL PROTEASE

New York, New York September 23, 2003

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

# PETITION TO CORRECT INVENTORSHIP OF NON-PROVISIONAL APPLICATION UNDER 37 C.F.R. § 1.48(a)

Sir:

Pursuant to 37 C.F.R. § 1.48(a), applicants hereby petition to amend the above-identified non-provisional application to correct the inventorship by adding Ronald George Sherrill as an inventor to the application. His address is as follows:

Ronald George Sherrill, a citizen of the United States of America residing at

139 Brannigan Place Cary, NC 27511

The name of Ronald George Sherrill was omitted i this application through error without any deceptive intention on the part of this inventor.

9/30/8003 SSANDAR1 00000<u>021-09</u>591464

1 FC:1501 2 FC:8001

1300.00 DP 45.00 DP 130.00

09/30/2003 SSANDARI 00000021 09591464

A check in the amount of \$130.00 in payment of the fee set forth in 37 C.F.R. § 1.17(i) is enclosed herewith.

The Director is hereby authorized to charge payment of any additional fee required in connection with this Petition, or to credit any overpayment of same to Deposit Account No. 06-1075. A duplicate copy of this Petition is enclosed.

Respectfully submitted,

James F. Haley, Jr. (Reg. No. 27,794)

Attorney for Applicants

Min Wang (Reg. No. 51,303)

Kyumin K. Lee (Reg. No. 53,195)

Agents for Applicants

c/o FISH & NEAVE

Customer No. 1473

1251 Avenue of the Americas

New York, New York 10020-1104

Tel.: (212) 596-9000 Fax.: (212) 596-9090



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New York, New York September 23, 2003

MAILSTOP ISSUE FEE Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

#### TRANSMITTAL LETTER

#### Sir:

Transmitted herewith: Petition to Correct
Inventorship of Non-Provisional Application Under 37 C.F.R.
§ 1.48(a); Consent of Assignee to Correction of
Inventorship Under 37 C.F.R. § 1.48; Executed Declaration
and Power of Attorney with Correction of Inventorship (7
sets); Request for Change of Inventor Residence and Mailing
Address and Request for Updated Filing Receipt; a Statement
of Ronald George Sherrill in support of Petition to Correct
Inventorship Under 37 C.F.R. § 1.48 (a)(2); Issue Fee
Transmittal; and three(3) checks in the amount of \$1,300,
\$130, and \$45 to be filed in the above-identified
application.

### PETITION AND ISSUE FEE

- [X] A check in the amount of \$130.00 in payment of the processing fee for the Petition to Correct Inventorship as set forth in 37 C.F.R. § 1.17(i).
- [X] A check in the amount of \$1,300.00 in payment of the issue fee.
- [X] A check in the amount of \$45.00 in payment of the advance order of 15 copies of soft patents.
- [X] The Director is hereby authorized to charge payment of any additional fees required under 37 C.F.R. § 1.17 in connection with the papers transmitted herewith, or to credit any overpayment of same, to Deposit Account No. 06-1075.

A duplicate copy of this transmittal letter is transmitted herewith.

Respectfully submitted,

James F. Haley, Jr. (Reg. No. 27,794)

Attorney for Applicants

Min Wang (Reg. No. 51,303)

Kyumin K. Lee (Reg. No. 53,195)

Agents for Applicants

c/o FISH & NEAVE

Customer No. 1473

1251 Avenue of the Americas

New York, New York 10020-1104

Tel.: (212) 596-9000

VPI/99-105



#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Sonya Wright

Group : 1626

Applicants : Michael R. Hale, et al.

Application No. : 09/591,464

Confirmation No. : 2787

Filed : June 9, 2000

For : INHIBITORS OF ASPARTYL PROTEASE

New York, New York September 23, 2003

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

# REQUEST FOR CHANGE OF INVENTOR RESIDENCE AND MAILING ADDRESS AND REQUEST FOR UPDATED FILING RECEIPT

Sir:

Applicants respectfully notify the Patent and Trademark Office that the residence and mailing addresses of Roger Tung, Stephen Price, Robin David Wilkes, Eric Steven Furfine, and Michael Stephen Brieger, joint inventors in the above-identified application, have changed.

The new residence for Roger Tung is:

San Diego, CA

The new mailing address for Roger Tung is:

14015 Caminito Pacifica Trail San Diego, CA 92130

The new residence for Stephen Price is:

Harlow, Essex, England

The new mailing address for Stephen Price is:

8/9 Spire Green Centre, Flex Meadow, Harlow, Essex, CM19 5TR, England

The new residence for Robin David Wilkes is:

West Hagbourne, Oxon, England

The new mailing address for Robin David Wilkes

is:

Treetops, 2A Manor Close West Hagbourne, Oxon, OX11 ONQ, England

The new residence for Eric Steven Furfine is:

Croton-on-Hudson, NY

The new mailing address for Eric Steven Furfine

is:

Brieger is:

2055 Quaker Ridge Croton-on-Hudson, NY 10520

The new residence for Michael Stephen Brieger is:

Greenwood, IN

The new mailing address for Michael Stephen

1446 Sandy Bay Drive, #J Greenwood, IN 46142 Applicants respectfully request that the Patent and Trademark Office record the new residence and the new mailing address and issue an Updated Filing Receipt showing the new residence.

Applicants do not believe that a fee is required in connection with the foregoing request. If, however, any fees are due in connection with the papers transmitted herewith the Director is hereby authorized to charge payment of such fees to Deposit Account No. 06-1075.

Respectfully submitted,

James F. Haley, Jr. (Reg. No. 27,794)

Attorney for Applicants

Min Wang (Reg. No. 51,303)

Kyumin K. Lee (Reg. No. 53,195)

Agents for Applicants

FISH & NEAVE

1251 Avenue of the Americas

New York, NY 10020-1104

Tel (212)596-9000

FAX (212)596-9090



### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Sonya Wright

Group : 1626

Applicant : Michael R. Hale et al.

Application No. : 09/591,464

Confirmation No. : 2787

Filed : June 9, 2000

Title : INHIBITORS OF ASPARTYL PROTEASE

New York, New York August 6, 2003

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

# STATEMENT OF RONALD GEORGE SHERRILL IN SUPPORT OF PETITION TO CORRECT INVENTORSHIP UNDER 37 C.F.R. §§ 1.48(a)(2)

Sir:

I, RONALD GEORGE SHERRILL, hereby declare that:

I am a citizen of the United States of America and reside at 139 Brannigan Place, Cary, NC 27511. I make this statement in support of the accompanying Petition to add me as a co-inventor of the above-identified patent application.

Due to an error in designating inventorship, I am not listed as a co-inventor of the above-identified patent application.

The error in inventorship by which I was omitted occurred without any deceptive intention on my part.

I hereby further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine, or imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the aboveidentified patent.

Date Conald George Sherrill



## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### INHIBITORS OF ASPARTYL PROTEASE

the specification of which

(check [] is attached hereto
one)

[X] was filed on June 9, 2000 as Application Serial No. 09/591,464 and was amended on August 22, 2001, February 4, 2002, March 14, 2003, and May 15, 2003

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Prio <u>Clai</u>	
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[ ] No
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[ ] No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

60/139,070 (Application Serial No.)	_June 11, 1999 (Filing Date)
60/190,211	March 17, 2000
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

As a named inventor, I hereby or agents to prosecute this appusiness in the United States connected therewith:	appoint the following attorneys oplication and transact all Patent and Trademark Office
James F. Halev, S	Jr., (Reg. No. 27,794)
	n, (Reg. No. 43,772)
Send correspondence to:	James F. Haley, Jr.
bena correspondence co.	FISH & NEAVE
	1251 Avenue of the Americas
	New York, New York 10020-1104
	·
Direct telephone calls to:	James F. Haley, Jr.
	(212) 596-9000
and belief are believed to be statements were made with the statements and the like so made imprisonment, or both, under Statements.	Il statements made on information true; and further that these knowledge that willful false de are punishable by fine or Section 1001 of Title 18 of the ach willful false statements may
Full name of first inventor Mi	chael R. Hale
First Inventor's signature	Manda Bal 81103
	Date
Residence <u>Bedford</u> , MA	
Citizenship <u>United States of</u>	America

Post Office Address <u>42 Sunset Road</u>

Bedford, MA 01730

Full name of second joint inventor Roger Tung	
Second Inventor's signature	
Residence San Diego, CA	Date
Citizenship United States of America	
Post Office Address 14015 Caminito Pacifica Trail	
San Diego, CA 92130	
Full name of third joint inventor Stephen Price	
Third Inventor's signature	
Residence Aylesbury Bucks HP22 5UJ, England	Date
Citizenship England	
Post Office Address 25 Eskdale Road, Stoke Mandeville	
Aylesbury Bucks HP22 5UJ, England	
Full name of fourth inventor Robin David Wilkes	
Fourth Inventor's signature	
	Date
Residence <u>Didcot Oxon, OX11 7UL, England</u>	
Citizenship England	
Post Office Address 7 Swarbourne Close	
Didcot Oxon, OX11 7UL, England	
Full name of fifth joint inventor Wayne Carl Schairer	
Fifth Inventor's signature	
Residence Westborough, MA	Date
Citizenship United States of America	
Door Office Address 125 Mills Charact	
Westborough, MA 01581	

Full name of sixth joint inventor Ashley Nicholas Jarvi	.s
Sixth Inventor's signature	
	Date
Residence Oxford, OX2 OBH, England	
Citizenship England	
Post Office Address 56 West Street, Osney	
Oxford, OX2 OBH, England	
Full name of seventh joint inventor Andrew Spaltenstein	1
Seventh Inventor's signature	
	Date
Residence Raleigh, NC	
Citizenship_United States of America	
Post Office Address 4105 Brewster Drive	
Raleigh, NC 27606	·
Full name of eighth joint inventor Eric Steven Furfine	
Eighth Inventor's signature	
Deside and Deside and	Date
Residence Durham, NC	
Citizenship United States of America	
Post Office Address 4133 Livingstone Place	<del></del>
Durham, NC 27707	
Full name of ninth joint inventor Vicente Samano	
Ninth Inventor's signature	
Pagidanaa Chanal Hill NC	Date
Residence Chapel Hill, NC	
Citizenship Mexico	
Post Office Address 410 Englewood Drive	
Chapel Hill, NC 27514	· · · · · · · · · · · · · · · · · · ·

Full name of tenth joint inventor <u>Istvan Kaldor</u>	_
Tenth Inventor's signature	
	Date
Residence Durham, NC	
Citizenship <u>Hungary</u>	
Post Office Address 7 Bonham Court	
Durham, NC 27703	
Full name of eleventh joint inventor John Franklin Mill	er
Eleventh Inventor's signature	
	Date
Residence <u>Durham</u> , NC	
Citizenship United States of America	
Post Office Address 310 Continental Drive	
Durham, NC 27712	·
Full name of twelfth joint inventor <u>Michael Stephen Bri</u>	eger
Twelfth Inventor's signature	Da+a
Residence Raleigh, NC	Date
Citizenship United States of America	
Post Office Address 2110 Paces Forest Court, #421	
Raleigh, NC 27612	
Full name of thirteenth joint inventor Ronald George Sh	<u>errill</u>
Thirteenth Inventor's signature	
Residence Cary, NC	Date
Citizenship <u>United States of America</u>	
Post Office Address 139 Brannigan Place	
Cary, NC 27511	

. .



# DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

#### INHIBITORS OF ASPARTYL PROTEASE

the specification of which

(check one)

[ ] is attached hereto

[X] was filed on <u>June 9, 2000</u> as Application Serial No. <u>09/591,464</u>

amended on August 22, 2001, February 4, 2002, March

14, 2003, and May 15, 2003

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

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I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Prio <u>Clai</u>	rity med_
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[ ] No
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[] No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

60/139,070	June 11, 1999
(Application Serial No.)	(Filing Date)
60/190,211	<u>March 17, 2000</u>
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application	Serial	No.)	(Filing Date)	(patented, abandoned)
(Application	Serial	No.)	(Filing Date)	(patented, abandoned)

As a named inventor, I hereby appoint the following attorneys or agents to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

James F. Haley,	Jr., (Reg. No. 27,794)
Karen Mangasaria	n, (Reg. No. 43,772)
Send correspondence to:	<u>James F. Haley, Jr.</u> FISH & NEAVE
	1251 Avenue of the Americas New York, New York 10020-1104
Direct telephone calls to:	<u>James F. Haley, Jr.</u> (212) 596-9000
and belief are believed to be statements were made with the statements and the like so made imprisonment, or both, under S	ll statements made on information true; and further that these knowledge that willful false de are punishable by fine or Section 1001 of Title 18 of the ach willful false statements may
Full name of first inventor <u>Mi</u>	chael R. Hale
First Inventor's signature	
Residence <u>Bedford, MA</u>	Date
Citizenship <u>United States of</u>	America
Post Office Address <u>42 Sunset</u>	Road

Bedford, MA 01730

Full name of second joint inventor Roger Tung	
Second Inventor's signature	12 A. 03
Residence San Diego, CA	Date 8
Citizenship United States of America	
Post Office Address 14015 Caminito Pacifica Trail	
San Diego, CA 92130	
Full name of third joint inventor Stephen Price	
Third Inventor's signature	
Residence Aylesbury Bucks HP22 5UJ, England	Date
Citizenship England	
Post Office Address 25 Eskdale Road, Stoke Mandeville	
Aylesbury Bucks HP22 5UJ, England	
	-
Full name of fourth inventor Robin David Wilkes	
Fourth Inventor's signature	
Residence <u>Didcot Oxon</u> , OX11 7UL, England	Date
Citizenship England	
Post Office Address 7 Swarbourne Close	
Didcot Oxon, OX11 7UL, England	
Diagot Oxon, Oxil 701, England	
Full name of fifth joint inventor Wayne Carl Schairer	
Fifth Inventor's signature	
	Date
Residence Westborough, MA	
Citizenship United States of America	
Post Office Address 135 Milk Street	
<u>Westborough, MA 01581</u>	

Full name of sixth joint inventor <u>Ashley Nicholas Jarvi</u>	<u>s</u>
Sixth Inventor's signature	Data
Residence Oxford, OX2 OBH, England	Date 
Citizenship England	
Post Office Address 56 West Street, Osney	
Oxford, OX2 OBH, England	
Full name of seventh joint inventor Andrew Spaltenstein	
Seventh Inventor's signature	
Residence Raleigh, NC	Date
Citizenship United States of America	
C1C12C	
Post Office Address 4105 Brewster Drive	
Raleigh, NC 27606	
Full name of eighth joint inventor Eric Steven Furfine	
Eighth Inventor's signature	
	Date
Residence <u>Durham</u> , <u>NC</u>	
Citizenship United States of America	
Post Office Address 4133 Livingstone Place	
Durham, NC 27707	
Full name of ninth joint inventor Vicente Samano	
Ninth Inventor's signature	
Ninch inventor's signature	Date
Residence Chapel Hill, NC	
Citizenship Mexico	
Post Office Address 410 Englewood Drive	
Chapel Hill, NC 27514	<del>"</del>

,

Full name of tenth joint inventor <u>Istvan Kaldor</u>	
Tenth Inventor's signature	
Regidence Durham NC	Date
Residence <u>Durham</u> , <u>NC</u>	
Citizenship Hungary	
Post Office Address 7 Bonham Court	
Durham, NC 27703	
Full name of eleventh joint inventor John Franklin M	iller
Eleventh Inventor's signature	
Residence Durham, NC	Date
Citizenship United States of America	
Post Office Address 310 Continental Drive	
Durham, NC 27712	
Full name of twelfth joint inventor <u>Michael Stephen</u> Twelfth Inventor's signature	
Residence Raleigh, NC	Date
Citizenship United States of America	
Post Office Address 2110 Paces Forest Court, #421	
Raleigh, NC 27612	
Full name of thirteenth joint inventor Ronald George	Sherrill
Thirteenth Inventor's signature	
Residence Cary, NC	Date
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Post Office Address 139 Brannigan Place	
Cary, NC 27511	



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Examiner : Sonya Wright

Group : 1626

Applicants : Michael R. Hale, et al.

Application No. : 09/591,464

Confirmation No. : 2787

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For : INHIBITORS OF ASPARTYL PROTEASE

New York, New York September 23, 2003

Hon. Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

CONSENT OF ASSIGNEE TO CORRECTION OF INVENTORSHIP UNDER 37 C.F.R. § 1.48

Sir:

Vertex Pharmaceuticals Incorporated, a corporation organized and existing under the laws of the Commonwealth of Massachusetts and having an office and place of business at 130 Waverly Street, Cambridge Massachusetts 02139-4242, hereby is the assignee of the entire right, title and interest in and to the above-identified patent application by virtue of an assignment from the presently named inventors (a copy of which is enclosed herewith).

As Senior Vice President and General Counsel, I, Kenneth S. Boger, am empowered to act on behalf of Vertex Pharmaceuticals Incorporated, the assignee of the above-identified application.

09/39/2003 SSANDAR1 00000021 09591464

3 FC:1460 130.00 OP

Vertex Pharmaceuticals Incorporated hereby consents to correction of the inventorship of the above-identified patent application by the addition of Ronald George Sherrill as an inventor.

To the best of my knowledge and belief, title is in the name of Vertex Pharmaceuticals Incorporated.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

VERTEX PHARMACEUTICALS INCORPORATED

Signed at: CAMBRIDGE, MA

Kenneth S. Boger

Šenior Vice President

&

General Counsel

Date: 9/22/03



### DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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(check one)

[ ] is attached hereto

[X] was filed on June 9, 2000 as Application Serial No. 09/591,464 and was amended on August 22, 2001, February 4, 2002, March 14, 2003, and May 15, 2003

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Prior Foreign Application(s)

			Prio <u>Clai</u>	rity med
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[ ] No
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[] No

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(Application Serial No.)	(Filing Date)
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(Application	Serial	No.)	(Filing	Date)	•	(patented, abandoned)
(Application	Serial	No.)	(Filing	Date)		(patented, abandoned)

As a named inventor, I hereby appoint the following attorneys or agents to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith:

James F. Haley,	Jr., (Reg. No. 27,794)	
	n, (Reg. No. 43,772)	
Send correspondence to:	James F. Halev, Jr.	
	FISH & NEAVE 1251 Avenue of the Ame:	ricas
	New York, New York 10	020-1104
Direct telephone calls to:	James F. Haley, Jr.	
	(212) 596-9000	
I hereby declare that all starknowledge are true and that a and belief are believed to be statements were made with the statements and the like so made imprisonment, or both, under sufficiently of the control of the	ll statements made on in true; and further that knowledge that willful de are punishable by fin Section 1001 of Title 18 uch willful false states	nformation these false ne or 8 of the ments may
Full name of first inventor M.	ichael R. Hale	
First Inventor's signature		
Residence Bedford, MA		Date

Bedford, MA 01730

Citizenship <u>United States of America</u>
Post Office Address <u>42 Sunset Road</u>

Full name of second joint inventor Roger Tung	
Second Inventor's signature	
	Date
Residence San Diego, CA	
Citizenship United States of America	
Post Office Address 14015 Caminito Pacifica Trail	
San Diego, CA 92130	
Full name of third joint inventor Stephen Price	
Third Inventor's signature	19th August 2003
Residence Aylesbury Bucks HP22 5UJ, England Residence Aylesbury Bucks HP22 5UJ, England	•
Citizenship England	ESSEV
Post Office Address 25 Eskdale Road, Stoke Mandeville	•
CM19 STR, uk Aylesbury Bucks HP22 5UJ, England	elle lin 1003.
	Stelling 2003.
Dull name of founds inventor Dabin David Wilher	
Full name of fourth inventor Robin David Wilkes	21 AUGUST 2003 .
Fourth Inventor's signature	Date 2000
WEST HAGBOURNE, OXON, OX II ONQ CONSTRUCTION Residence Didcot Oxon, OX11 7UL, England 11AUG. 2002	
Citizenship England	
Post Office Address 7 Swarbourne Close 21 Aug.	2003
WEST HAG BOURNE, OXON, OX HONQ	
Didcot Oxon, OX11 7UL, England	
Full name of fifth joint inventor Wayne Carl Schairer	
Fifth Inventor's signature	
Desidence Weethersuch MA	Date
Residence Westborough, MA	
Citizenship United States of America	· · · · · · · · · · · · · · · · · · ·
Post Office Address 135 Milk Street	
Westborough MA 01581	

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Residence Oxford, OX2 OBH, England Citizenship England Post Office Address 56 West Street, Osney Oxford, OX2 OBH, England  Full name of seventh joint inventor Andrew Spaltenstein Seventh Inventor's signature Residence Raleigh, NC Citizenship United States of America  Post Office Address 4105 Brewster Drive Raleigh, NC 27606  Full name of eighth joint inventor Eric Steven Furfine	
Residence Oxford, OX2 OBH, England Citizenship England Post Office Address 56 West Street, Osney Oxford, OX2 OBH, England  Full name of seventh joint inventor Andrew Spaltenstein Seventh Inventor's signature Residence Raleigh, NC Citizenship United States of America  Post Office Address 4105 Brewster Drive Raleigh, NC 27606	
Citizenship England  Post Office Address 56 West Street, Osney Oxford, OX2 OBH, England  Full name of seventh joint inventor Andrew Spaltenstein Seventh Inventor's signature  Residence Raleigh, NC Citizenship United States of America  Post Office Address 4105 Brewster Drive Raleigh, NC 27606	
Post Office Address 56 West Street, Osney Oxford, OX2 OBH, England  Full name of seventh joint inventor Andrew Spaltenstein Seventh Inventor's signature Residence Raleigh, NC Citizenship United States of America  Post Office Address 4105 Brewster Drive Raleigh, NC 27606	
Oxford, OX2 OBH, England  Full name of seventh joint inventor Andrew Spaltenstein Seventh Inventor's signature  Residence Raleigh, NC  Citizenship United States of America  Post Office Address 4105 Brewster Drive  Raleigh, NC 27606	
Full name of seventh joint inventor Andrew Spaltenstein Seventh Inventor's signature  Residence Raleigh, NC  Citizenship United States of America  Post Office Address 4105 Brewster Drive  Raleigh, NC 27606	
Seventh Inventor's signature  Residence Raleigh, NC  Citizenship United States of America  Post Office Address 4105 Brewster Drive  Raleigh, NC 27606	
Seventh Inventor's signature  Residence Raleigh, NC  Citizenship United States of America  Post Office Address 4105 Brewster Drive  Raleigh, NC 27606	
Residence Raleigh, NC  Citizenship United States of America  Post Office Address 4105 Brewster Drive  Raleigh, NC 27606	Date
Citizenship <u>United States of America</u> Post Office Address <u>4105 Brewster Drive</u> Raleigh, NC 27606	Date
Citizenship <u>United States of America</u> Post Office Address <u>4105 Brewster Drive</u> Raleigh, NC 27606	
Post Office Address 4105 Brewster Drive  Raleigh, NC 27606	
Raleigh, NC 27606	
Raleigh, NC 27606	
Full name of eighth joint inventor Eric Steven Furfine	
Eighth Inventor's signature	
Residence Durham, NC	Date
Citizenship United States of America	
Post Office Address 4133 Livingstone Place	
Durham, NC 27707	
Full name of ninth joint inventor Vicente Samano	
Ninth Inventor's signature	
	Date
Residence Chapel Hill, NC	
Citizenship Mexico	
Post Office Address 410 Englewood Drive	
Chapel Hill, NC 27514	

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Full name of tenth joint inventor Istvan Kaldor	
Tenth Inventor's signature	
Residence <u>Durham</u> , NC	Date
Citizenship Hungary	
Post Office Address 7 Bonham Court	<del></del>
Durham, NC 27703	
Full name of eleventh joint inventor John Franklin Mil	ler
Eleventh Inventor's signature	
Residence <u>Durham</u> , <u>NC</u>	Date
Citizenship United States of America	
Post Office Address 310 Continental Drive	
Durham, NC 27712	
SHAMMING BY SELLING	
Full name of twelfth joint inventor Michael Stephen Br	rieger
Twelfth Inventor's signature	
	Date
Residence Raleigh, NC	
Citizenship United States of America	
Post Office Address 2110 Paces Forest Court, #421	
Raleigh, NC 27612	
Full name of thirteenth joint inventor Ronald George S	herrill
Thirteenth Inventor's signature	 Date
Residence Cary, NC	
Citizenship <u>United States of America</u>	
Post Office Address 139 Brannigan Place	
Carv. NC 27511	



## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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the specification of which

(check one)

[ ] is attached hereto

[X] was filed on June 9

[X] was filed on <u>June 9, 2000</u> as Application Serial No. <u>09/591,464</u> and was amended on <u>August 22, 2001, February 4, 2002, March 14, 2003, and May 15, 2003</u>.

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			Prio <u>Clai</u>	rity med_
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(Application Serial No.)	(Filing Date)
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James F. Haley,	Jr., (Reg. No. 27,794)
<u>Karen Mangasaria</u>	n, (Reg. No. 43,772)
Send correspondence to:	James F. Haley, Jr.
	FISH & NEAVE 1251 Avenue of the Americas New York, New York 10020-1104
Direct telephone calls to:	<u>James F. Haley, Jr.</u> (212) 596-9000
statements were made with the statements and the like so made imprisonment, or both, under statements.	Il statements made on informatior true; and further that these knowledge that willful false de are punishable by fine or Section 1001 of Title 18 of the ach willful false statements may
Full name of first inventor Mi	chael R. Hale
First Inventor's signature	
Residence Bedford, MA	Date
Citizenship <u>United States of</u>	America
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Full name of second joint inventor Roger Tung	
Second Inventor's signature	Date
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Full name of third joint inventor Stephen Price	·
Third Inventor's signature	Date
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Full name of fourth inventor Robin David Wilkes	
Fourth Inventor's signature	
	Date
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Residence <u>Didcot Oxon, OX11 7UL, England</u> Citizenship <u>England</u>	· · · · · · · · · · · · · · · · · · ·
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Residence <u>Didcot Oxon, OX11 7UL, England</u> Citizenship <u>England</u>	
Residence <u>Didcot Oxon, OX11 7UL, England</u> Citizenship <u>England</u> Post Office Address <u>7 Swarbourne Close</u>	
Residence <u>Didcot Oxon</u> , OX11 7UL, England  Citizenship <u>England</u> Post Office Address 7 <u>Swarbourne Close</u> <u>Didcot Oxon</u> , OX11 7UL, England  Full name of fifth joint inventor <u>Wayne Carl Schairer</u>	
Residence <u>Didcot Oxon</u> , OX11 7UL, England Citizenship <u>England</u> Post Office Address 7 Swarbourne Close <u>Didcot Oxon</u> , OX11 7UL, England  Full name of fifth joint inventor <u>Wayne Carl Schairer</u> Fifth Inventor's signature <b>Wayne Carl Manais</b>	
Residence Didcot Oxon, OX11 7UL, England Citizenship England Post Office Address 7 Swarbourne Close Didcot Oxon, OX11 7UL, England  Full name of fifth joint inventor Wayne Carl Schairer Fifth Inventor's signature Wayne Carl Marie Residence Westborough, MA	8/2, Date
Residence <u>Didcot Oxon</u> , OX11 7UL, England Citizenship <u>England</u> Post Office Address 7 <u>Swarbourne Close</u> <u>Didcot Oxon</u> , OX11 7UL, <u>England</u> Full name of fifth joint inventor <u>Wayne Carl Schairer</u> Fifth Inventor's signature <b>Wayne Carl Manais</b>	8/2, Date

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Full name of sixth joint inventor Ashley Nicholas Jarvis	
Sixth Inventor's signature	
	ate
Residence Oxford, OX2 OBH, England	
Citizenship England	
Post Office Address 56 West Street, Osney	
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Full name of seventh joint inventor Andrew Spaltenstein	
Seventh Inventor's signature	
	Date
Residence Raleigh, NC	
Citizenship United States of America	
Post Office Address 4105 Brewster Drive	
Raleigh, NC 27606	
Full name of eighth joint inventor Eric Steven Furfine	
Eighth Inventor's signature	
Residence <u>Durham</u> , NC	Date
Citizenship United States of America	
Post Office Address 4133 Livingstone Place	
Durham, NC 27707	
Full name of ninth joint inventor Vicente Samano	
Ninth Inventor's signature	
Residence Chapel Hill, NC	Date 
Citizenship Mexico	
Post Office Address 410 Englewood Drive	
Chapel Hill, NC 27514	

Full name of tenth joint inventor Istvan Kaldor	
Tenth Inventor's signature	
Residence <u>Durham</u> , NC	Da
Citizenship Hungary	
Post Office Address 7 Bonham Court	
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Full name of eleventh joint inventor John Frank	lin Miller
Eleventh Inventor's signature	
Residence Durham, NC	Da
Citizenship <u>United States of America</u>	
Post Office Address 310 Continental Drive	
Durham, NC 27712	
Twelfth Inventor's signature	
	Dat
Residence <u>Raleigh, NC</u> Citizenship <u>United States of America</u>	
Post Office Address 2110 Paces Forest Court, #4	
Raleigh, NC 27612	
Natelyii, NC 27012	
Full name of thirteenth joint inventor <u>Ronald G</u> e	a a series of the series
Joine inventor Ronard G	eorge Snerr
Thirteenth Inventor's signature	
Thirteenth Inventor's signatureResidence_Cary, NC	Da
Thirteenth Inventor's signature	Da



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I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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the specification of which

(check one)

[ ] is attached hereto

[X] was filed on June 9, 2000 as Application Serial No. 09/591,464 and was amended on August 22, 2001, February 4, 2002, March 14, 2003, and May 15, 2003

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James F. Haley, Jr., (Reg. No. 27,794)  Karen Mangasarian, (Reg. No. 43,772)		
<u>Karen Mangasaria</u>	1, (Reg. No. 43,772)	
Send correspondence to:	James F. Haley, Jr. FISH & NEAVE 1251 Avenue of the Americas New York, New York 10020-1104	
Direct telephone calls to:	<u>James F. Haley, Jr.</u> (212) 596-9000	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.		
Full name of first inventor Michael R. Hale		
First Inventor's signature		
Residence Bedford, MA		
Citizenship <u>United States of America</u>		
Post Office Address 42 Sunset Road		
Bedford,	MA 01730	

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Full name of sixth joint inventor Ashley Nicholas Jarvis
Sixth Inventor's signature
Residence Oxford, OX2 OBH, England
Citizenship England
Post Office Address 56 West Street, Osney
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Full name of seventh joint inventor Andrew Spaltenstein
Seventh Inventor's signature
Residence Raleigh, NC
Citizenship United States of America
Post Office Address 4105 Brewster Drive
Raleigh, NC 27606
Full name of eighth joint inventor Eric Steven Furfine
Eighth Inventor's signature
Residence Durham, NC
Citizenship United States of America
Post Office Address 4133 Livingstone Place
Durham, NC 27707
Bulliam, No 27707
Full name of ninth joint inventor <u>Vicente Samano</u>
Ninth Inventor's signature Vicento Somano Aug. 21,20
Date
Residence Chapel Hill, NC
Citizenship Mexico 4 USA
Post Office Address 410 Englewood Drive
Chapel Hill, NC 27514

Full name of tenth joint inventor Istvan Kaldor			
Tenth Inventor's signature	8/25/03		
	Date		
Residence Durham, NC			
Citizenship Hungary			
Post Office Address 7 Bonham Court			
Durham, NC 27703			
Full name of eleventh joint inventor John Franklin Mil	ler		
Eleventh Inventor's signature	8/22/03		
	Date		
Residence Durham, NC			
Citizenship United States of America	***************************************		
Post Office Address 310 Continental Drive			
Durham, NC 27712			
Full name of twelfth joint inventor Michael Stephen Br	ieger		
Twelfth Inventor's signature			
Iwellen inventor 5 Signature	Date		
Residence Raleigh, NC	<del></del>		
Citizenship United States of America			
Post Office Address 2110 Paces Forest Court, #421			
Raleigh, NC 27612			
Enll name of thirtmenth inint inventor Denald Course C	h a mari 1 1		
Full name of thirteenth joint inventor Ronald George S			
Thirteenth Inventor's signature foul Benj then	Date		
Residence Cary, NC			
Citizenship United States of America			
Post Office Address 139 Brannigan Place			
-	_		
Cary, NC 27511			

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State of North Carolina  DURHAM  County
1. Elaine Martens a Novem, Biblio for
County and State, do hereby certify that  And reu Spaltinse in personally appeared before me this day and solve in the state of the sta
before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 27th
Cline Mules
Notary Public
My commission expires on
State of North Carolina
County
I. Elaine Martens a Notary Public for County and State, do hereby certify that
before me this day and acknowledged the due execution
of the foregoing instrument.
witness my hand and official seal, this the 2/57 day of August 2003
Elseine Marters
Notary Public
My commission expires on2/5/2004
State of North Carolina  DUR HAM County
DURHAM County 1. Elaine Martens a Novem Rublic for
I. Elaine Martens, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared.
DURHAM County 1. Elaine Martens a Novem Rublic for
DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the 25th
DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  TStuan KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the 25th
DURHAM County  I. Elaine. Martens, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the 25th day of August 2003
DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  Istuan Kalbor personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the day of August 2003  Notary Public  My commission expires on 2/5/2006  State of North Carolina
DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the 25th day of August 2003  Notary Public  My commission expires on 2/5/2006  State of North Carolina  DURHAM County  I. Elaine Martens a Notary Public for
DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the 25th day of August 2003  Notary Public  My commission expires on 2/5/2006  State of North Carolina  DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that
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DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the 25th day of August 203  Notary Public  My commission expires on 2/5/2006  State of North Carolina  DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  John F. Willert Roall G. Shernil  before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official sal, this the 22nd
DURHAM County  I. Elaine May Hons, a Notary Public for County and State, do hereby certify that  ISTUAN KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the ASH day of August Notary Public Notary Public My commission expires on Also August Notary Public for County and State, do hereby certify that  Ichn F. Willer & Rould G. Shemil Department of the foregoing instrument.
DURHAM County  I. Elaine Martens, a Notary Public for County and State, do hereby certify that  TS+ van KALDOR personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and official seal, this the 25th day of August 2003  Notary Public My commission expires on 2/5/2006  State of North Carolina  DURHAM County  I, Elaine Martens, a Notary Public for County and State, do hereby certify that  John F. Willer & Ronald G. Shervill personally appeared before me this day and acknowledged the due execution of the foregoing instrument.  Witness my hand and officials al, this the 220d



## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

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Send correspondence to:	James F. Haley, Jr. FISH & NEAVE 1251 Avenue of the Americas New York, New York 10020-1104		
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Full name of first inventor <u>Michael R. Hale</u>			
First Inventor's signature			
Residence Bedford, MA	Date		
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Full name of second joint inventor Roger Tung	
Second Inventor's signature	
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· = =	
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Full name of third joint inventor Stephen Price	
Third Inventor's signature	
Residence Aylesbury Bucks HP22 5UJ, England	Date
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Aylesbury Bucks HP22 5UJ, England	
Ayleabuly bucks HF22 300, England	
Full name of fourth inventor Robin David Wilkes	
Fourth Inventor's signature	
	Date
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Citizenship England	
Post Office Address 7 Swarbourne Close	
Didcot Oxon, OX11 7UL, England	
Full name of fifth joint inventor Wayne Carl Schairer	
Fifth Inventor's signature	Date
Residence Westborough, MA	Date ————
Citizenship United States of America	
Post Office Address 135 Milk Street	<del></del>
Westborough, MA 01581	

Full name of sixth joint inventor Ashley Nicholas Jarvi	s
Sixth Inventor's signature	
Residence Oxford, OX2 OBH, England	Date
Citizenship England	-
Post Office Address 56 West Street, Osney	
Oxford, OX2 OBH, England	
Full name of seventh joint inventor Andrew Spaltenstein	
Seventh Inventor's signature	
Residence Raleigh, NC	Dat
Citizenship United States of America	
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## DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## INHIBITORS OF ASPARTYL PROTEASE

the specification of which

(check [ ] is attached hereto
one)

[X] was filed on June 9, 2000 as Application Serial No. 09/591,464 and was amended on August 22, 2001, February 4, 2002, March

14, 2003, and May 15, 2003

(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I do not know and do not believe that the invention was ever patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to this application.

I do not know and do not believe that the invention was in public use or on sale in the United States of America more than one year prior to this application.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior	Foreign	Application (	s)

			Prio <u>Clai</u>	rity med
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[ ] No
(Number)	(Country)	(Day/Month/Year Filed)	[ ] Yes	[ ] No

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

60/139,070	<u>June 11, 1999</u>
(Application Serial No.)	(Filing Date)
60/190,211	March 17, 2000
(Application Serial No.)	(Filing Date)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)

As a named inventor, I	hereby appoint the following attorneys
or agents to prosecute	this application and transact all
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connected therewith:	

	Jr., (Reg. No. 27,794)
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and belief are believed to be statements were made with the statements and the like so made imprisonment, or both, under	ll statements made on information true; and further that these knowledge that willful false de are punishable by fine or Section 1001 of Title 18 of the uch willful false statements may
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